

GEORGE CHIMALILO

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PROFESSIONAL SUMMARY

IT & Cybersecurity professional with 5+ years of experience in web development, systems support, and business operations. Armed with an AAS in Cybersecurity with practical expertise in customer service, network defense, OS hardening, and security scripting. Driven to leverage these technical skills to a challenging, professional role.

TECHNICAL SKILLS

Security & Networking: Network Configuration, Vulnerability Analysis, Hardening, Incident Response, SQL Injection Testing

Operating Systems & SW: Windows, Linux, macOS, Virtualization, MS Office, LibreOffice

Dev & Databases: Python, PHP, SQL, HTML/CSS, JavaScript

Functional Skills: Troubleshooting & Problem Solving, Process Improvement, Project Management, Customer Service

PROFESSIONAL EXPERIENCE

IT Intern – HUBZone National Contractors Council |
Oakland, MD

Jan 2026 – May 2026

- Led the redesign and development of the organizational website, **improving page load speeds and mobile responsiveness by 25%** by optimizing customized HTML/CSS and content management systems.
- Collaborated with key stakeholders to align UI components with brand guidelines, which **increased overall unique user engagement by 40%**.

Owner & Lead Web Developer – Rocky Mtn Cleanz |
McHenry, MD

May 2021 – Present

- Designed, launched, and maintained a secure corporate website and client portal, **boosting inbound customer inquiries by 150%** through targeted search engine optimization (SEO) strategies.
- Formulated annual budgets and managed resources to **reduce operational overhead by 15% and maximize ROI** over a four-year period.

Board Member – Chimalilo Holdings Limited - Dar es Salaam, Tanzania

Dec 2018 – Present

- Evaluated and approved annual corporate budgets and long-term strategic plans, **improving overall resource allocation efficiency by 20%**.

TECHNICAL PROJECTS

Penetration Testing GUI Toolkit (Python, Linux, Networking)

Developed a custom multi-functional security GUI application integrating authentication attacks, cryptography, and network scanning scripts, **reducing manual security assessment setup times by 40%**.

SQL Injection & Vulnerability Tester (Python, SQL)

Built an automated scanner that delivers custom injection payloads to target URLs and parses responses for SQL syntax errors, **identifying vulnerable database entry points with 95% accuracy** in sandbox testing.

EDUCATION

Associate of Applied Science: Cybersecurity
Garrett College

Graduation: May 2026

McHenry, MD

Associate of Applied Science: Computer Studies
Coventry University

Graduation: January 2017

Coventry, UK

CERTIFICATIONS

Google: Network Security (May 2025) | Manage Security Risks (May 2025) | Assets, Threats & Vulnerabilities (May 2025) | Linux & SQL (Dec 2023) | Foundations of Cybersecurity (Nov 2023)

TestOut: LinuxPro (May 2020)